

## משוואות לחטיבת הביניים

1)  $4(2x - 5) - 5(2 - 3x) = -76$

2)  $8(3x - 4) + 4(3 - 4x) = 36$

3)  $4(2x - 3) - 5(3x - 2) = 12$

**4)**  $2(4 - x) + 5(3 + x) = 38$

**5)**  $2(7 - x) + 5 = 4x + 5(2 - x)$

**6)**  $7(x - 3) - 5(x + 4) = 10x - 33$

7)  $4(x + 3) - (x - 4) = 5x + 12$

8)  $3(3 - x) - 9(x + 3) = -7(x - 1)$

9)  $-2(2x + 5) - 7(x + 1) = 3(1 - 4x)$

**10)**  $7(x - 2) - 5(x - 8) = 10(x - 3)$

**11)**  $7(2x - 8) - 9(x - 6) = 8 - 5(x - 4)$

**12)**  $24x + 15 = -7x - \frac{1}{2}$

## תשובות

$\frac{2}{3}$  (5

7 (10

8 (4

20 (9

2 (3

-5 (8

-4 (2

1.5 (7

$-\frac{1}{2}$  (12

-2 (1

6 (6

3 (11